

SHEET 1 OF 2

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| FORM O-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. GNE.2930R1C10 | APPLICATION NO. 10/033,167 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | RECEIVED MAY 01 2003 TECH CENTER 1600/2900 |
| (USE SEVERAL SHEETS IF NECESSARY) | | |
| APPLICANT Botstein, et al. | | |
| FILING DATE December 27, 2001 | | GROUP 1656 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
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FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|---------------------|--|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| 1 | | WO 00/04135 | 01/27/00 | PCT | | | | |
| 2 | | DE 198 18 620 | 10/28/99 | Germany | | | | |
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

| EXAMINER INITIAL | | |
|---------------------|--|--|
| 3 | Database EMBL 'Online! (1997-10-31) Strausberg, R.: "np74e04.s1 NCI_CGAP_Br2 Homo sapiens cDNA clone IMAGE: 1132062 3' Database accession no. AA 632131 | |
| 4 | Fransen, et al., Identification of peroxisomal proteins by using M13 phage protein VI phage display: molecular evidence that mammalian peroxisomes contain a 2,4-dienoyl-CoA reductase, Biochem. J. 348:561-568 (1999) | |
| 5 | Comparison between Accession No. AAY87109 and SEQ ID NO: 23 | |
| 6 | Comparison between Accession No. AAY87196 and SEQ ID NO: 23 | |
| 7 | Comparison between Accession No. AA025266 and SEQ ID NO: 8 | |
| 8 | Comparison between Accession No. AA024389 and SEQ ID NO: 8 | |
| 9 | Comparison between Accession No. AX118905 and SEQ ID NO: 8 | |
| 10 | Comparison between Accession No. CAC38526.1 and SEQ ID NO: 8 | |
| 11 | Comparison between Accession No. AX070106 and SEQ ID NO: 6 | |
| 12 | Comparison between Accession No. AAB40784 and SEQ ID NO: 6 | |
| 13 | Comparison between Accession No. AAC74993 and SEQ ID NO: 6 | |

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| EXAMINER | DATE CONSIDERED |
| | 9/12/01 |
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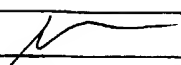
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| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |
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| <input checked="" type="checkbox"/> | 14 Comparison between Accession No. AI373244 and SEQ ID NO: 6 |
| <input checked="" type="checkbox"/> | 15 Comparison between Accession No. AI366107 and SEQ ID NO: 6 |
| <input checked="" type="checkbox"/> | 16 Comparison between Accession No. AR052531 and SEQ ID NO: 12 |
| <input checked="" type="checkbox"/> | 17 Comparison between Accession No. W63967 and SEQ ID NO: 12 |
| <input checked="" type="checkbox"/> | 18 Comparison between Accession No. AAZ98060 and SEQ ID NO: 23 |
| <input checked="" type="checkbox"/> | 19 Comparison between Accession No. AI08845 and SEQ ID NO: 23 |
| <input checked="" type="checkbox"/> | 20 Comparison between Accession No. AAV88653 and SEQ ID NO: 23 |

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| APR 23 2003 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY) | PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. GNE.2930R1C10 | APPLICATION NO. 10/033,167 |
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| | 1 | 5,831,058 | 11/03/98 | Fujiwara et al. | | | |
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|---------------------|---|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| 2 | | WO 98 45437 ✓ | 10/15/98 | PCT | | | | |
| | 3 | WO 00/04140 ✓ | 01/27/00 | PCT | | | | |
| | 4 | WO 00 58472 | 10/05/00 | PCT | | | | |
| | 5 | WO 01/29221 ✓ | 04/26/01 | PCT | | | | |
| | 6 | WO 01 02568 ✓ | 01/11/01 | PCT | | | | |
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| 7 | Database EMBL 'Online! Entry HSA24389, 08/14/96, Hillier, L. et al., "ze74b01.r1 Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone IMAGE: 364681 5', mRNA sequence." Database accession no. AA024389 XP002230500 |
| 8 | Database EMBL 'Online! Entry HSA25266, 08/14/96, Hillier, L. et al., "ze74b01.s1 Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone IMAGE:364681 3', mRNA sequence." Database accession no. AA025266 XP002230501 |
| 9 | Database EMBL [Online] md78c02.r1 Soares mouse embryo NbME1cDNA clone (06/22/96) Marra et al., "The WashU-HHMI Mouse EST Project" Database accession no. MM96732 XP002232923 |
| 10 | Database EBI 'Online! (08/19/98) Strausberg R. "qa12e07.x1 NCI_CGAP_Brn23 Homo sapiens cDNA clone IMAGE:1686564 3' similar to contains TAR1.b2 MSR1 repetitive element; mRNA sequence." Database accession no. AI088845 XP002226252 |
| 11 | Database EMBL [Online] (01/11/99) Hillier, L. et al. "ao87d07.x1 Schiller meningioma Homo sapiens cDNA clone IMAGE:1952845 3' similar to contains element TAR1 repetitive element; mRNA sequence." Database accession no. AI366107 XP002230801 |
| 12 | Database EMBL [Online] (01/13/99) Strausberg R. "qz48e01.x1 NCI-CGAP-Kid11 Homo sapiens cDNA clone IMAGE:2030136 3', mRNA sequence." Database accession no. AI373244 XP002230802 |
| 13 | Klein, et al. Selection for genes encoding secreted proteins and receptors, Proc. Natl. Acad. Sci. USA 93:7108-7113 (1996) |
| 14 | Tashiro, et al., Signal sequence trap: a cloning strategy for secreted proteins and type 1 membrane proteins, Science 261:600-603 (1993) |

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